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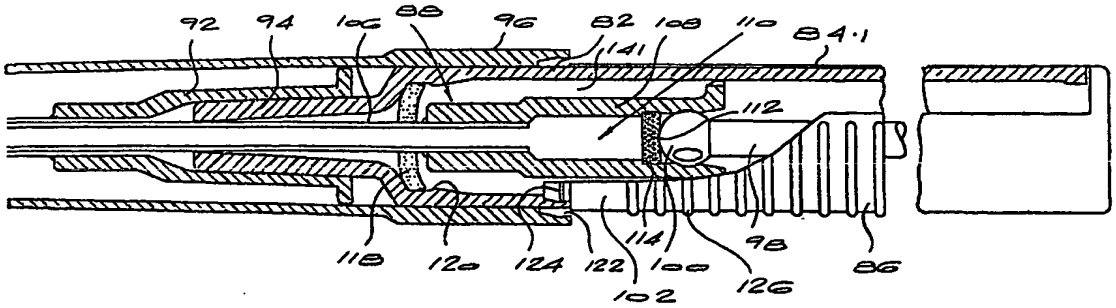
(54) Title: A SAFETY ASSEMBLY FOR A HYPODERMIC APPLICATOR SET



(57) Abstract

A cannula safety assembly (82) includes a cannula safety shield (84) and an elongate retractor (86). The retractor (86) is provided with a central plunger (98) which extends through a rear open end (85) of the safety shield and a pair of caliper arms (102) which fit over the safety shield. A needle assembly (88) includes a needle seat (108) from which a hollow needle (106) extends so that the needle assembly (88) is mounted detachably to the front end of the plunger (98), and the needle shield (96) is fitted over the front end of the safety shield, and mounted detachably to the ends of the caliper arms (102). The needle assembly (88) is slidably moveable in concert with the retractor (86) from an extended administrable position to a retracted position in which the needle (106) is fully withdrawn into the safety shield chamber by the retractor to be held safely captive within the chamber. The retractor is separable from the needle seat when in the retracted position. The invention extends to a method of manufacturing a cannula safety assembly.

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